



Program

From atoms to pebbles

HERSCHEL's view of
Star and Planet Formation
Symposium

20 to 23 March, 2012
Grenoble, France

www.herschel2012.com

Program / Programme

►► Monday 19 March / *Lundi 19 mars*

17:00-19:00 ►► Registration and Welcome cocktail

►► Tuesday 20 March / *Mardi 20 mars*

07:30-09:00 ►► Registration & Welcome coffee

09 :00-10 :20 ► Chairman : J.C. AUGEREAU, IPAG, Grenoble

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|-------------|--|-----------------------------------|
| 09:00-09:20 | • Welcome and Opening session | M. ROUZE, CNES, JL MONIN, IPAG |
| 09:20-09:50 | • Herschel Space Observatory - Mission Update and Science Highlights | G. PILBRATT, ESA |
| 09:50-10:20 | • Herschel and some questions on star and planet formation | A. NATTA, Osservatorio di Arcetri |

Topic 1: Pre-collapse phase

10 :20-12 :40 ► Chairwoman : C. VASTEL, IRAP/CNRS-UPS, Toulouse

10:20-11:00 *Pre-Herschel review*: Pre-collapse phase studies before Herschel M. TAFALLA, Observatorio Astronomico Nacional, Madrid

11:00-11:10 • Poster blitz

11:10-11:40 ►► Coffee break & posters viewing

11:40-12:20 *Herschel overview*: Herschel Observations of the Pre-Collapse Phase of Star Formation J. Di FRANCESCO, National Research Council of Canada

12:20-12:40 • Characterizing interstellar filaments with Herschel in nearby molecular clouds D. ARZOUMANIAN, CEA, Saclay

12:40-12:50 • Poster blitz

12:50-14:20 ►► Lunch (1h) & poster viewing (30mn)

14 :20-16 :10 ► Chairman : G. CHABRIER, ENS-Lyon

14:20-15:00 *Modeling/theory review*: From diffuse ISM to cores: formation of molecular clouds, filaments and prestellar condensations P. HENNEBELLE, Observatoire de Paris

15 :00-15 :20 • Coagulation and fragmentation in molecular clouds C. ORMEL, University of California, Berkeley

15 :20-15 :40 • 3D numerical calculations and synthetic observations of magnetized massive dense core collapse and fragmentation B. COMMERCION, LERMA/ENS Paris

15 :40-16 :00 • From the filamentary structure of the ISM to prestellar cores to the stellar IMF: First results from the Herschel Gould Belt Survey P. ANDRE, CEA Saclay

16 :00-16 :10 • Discussion

16 :10-16 :20 • Poster blitz

16:20-17:00 ►► Coffee break & posters viewing

17 :00-18 :30 ► Chairman: T. HENNING, MPI for Astronomy, Heidelberg

17 :00-17 :20 • The initial conditions of high-mass star formation H. BEUTHER, MPIA, Heidelberg

17 :20-17 :40 • Herschel Observations of EXtra-Ordinary Sources (HEXOS): Analysis of the HIFI 1.2 THz Wide Spectral Survey Toward Orion KL N. CROCKETT, University of Michigan

17 :40-18 :00 • Filaments, ridges and a mini-starburst - HOBYS' view of high mass star formation with Herschel T. HILL, CEA Saclay

18 :00-18 :20 • Star formation in infrared dark clouds N. PERETTO, CEA Saclay

18 :20-18 :30 • Discussion

18 :30-19 :00 • Poster viewing

Program / Programme

►► Wednesday 21 March / Mercredi 21 mars

08 :30-08:35 *General informations about the Symposium*

08 :35-10 :25 ► Chairman: R. LISEAU, *Chalmers University of Technology*

08 :35-08 :55 • HOPS + MALT90 + Hi-GAL: Probing star formation on a Galactic scale through mm molecular line and far-IR continuum Galactic plane surveys *S. LONGMORE, ESO, Garching*

08 :55-09 :15 • The CHESS Spectral Survey of Pre-stellar Cores *A. BACMANN, IPAG, Grenoble*

09 :15-09 :35 • Galactic Cold Cores *M. JUVELA, University of Helsinki*

09 :35-09 :45 • Discussion and conclusion

Topic 2: Protostellar phase

09 :45-10 :25 *Pre-Herschel review* Protostellar phase, a pre-Herschel review *C. CECCARELLI, IPAG, Grenoble*

10 :25-10 :55 ►► Coffee break & poster viewing

10 :55-12 :45 ► Chairman: P. ENCRENAZ, *Observatoire de Paris*

10 :55-11 :35 *Herschel overview*: Protostellar phase, Herschel overview *E. BERGIN, University of Michigan*

11 :35-11:55 • The Herschel/HIFI unbiased spectral survey of the solar-mass protostar IRAS16293 *S. BOTTINELLI, IRAP, Toulouse*

11 :55-12 :15 • Water in Star-forming Regions with Herschel (WISH): recent results and trends *E. Van DISHOECK, Leiden Observatory*

12 :15-12 :35 • Water high resolution spectroscopic observations of massive protostars with Herschel *F. HERPIN, LAB/OASU, Bordeaux*

12 :35-12 :45 • Discussion

12h45-14h15 ►► Lunch (1h) & poster viewing (30mn)

14 :15-16 :25 ► Chairman: C. DOMINIK, *University of Amsterdam*

14 :15-14 :55 *Modeling/theory review*: Theory and modeling of protostars *R. VISSER, University of Michigan*

14 :55-15 :15 • The CHESS survey of the L1157-B1 shock *G. BUSQUET, INAF-Istituto di Fisica dello Spazio Interplanetario*

15 :15-15 :35 • Feedback from low-mass protostars onto their surroundings: some like it hot *L. KRISTENSEN, Leiden Observatory*

15 :35-15 :55 • Constraining the Physical Structure and Dust Opacities Toward the Class 0 Protostar B335 *Y. SHIRLEY, University of Arizona*

15 :55-16 :15 • Herschel far-infrared photometric monitoring of protostars in the Orion Nebula Cluster *N. BILLOT, IRAM*

16 :15-16 :25 • Discussion

16 :25-17 :05 ►► Coffee break & poster viewing

17 :05-18 :35 ► Chairwoman: E. Van DISHOECK, *Leiden Observatory*

17 :05-17 :25 • A Multi-Observatory Survey of Protostars in the Orion Molecular Clouds *S.T. MEGEATH, University of Toledo*

17 :25-17 :45 • A new population of protostars discovered by Herschel *A. STUTZ, MPIA, Heidelberg*

17 :45-18 :05 • The star formation and disk evolution history of a sparse region: The Coronet cluster *A. SICILIA-AGUILAR, Universidad autonoma de Madrid*

18 :05-18 :25 • The evolution of Dust, Ice and Gas in Time: The DIGIT Herschel Key project *J. BOUWMAN, MPIA Heidelberg*

18 :25-18 :35 • Discussion and conclusion

20 :00 • Conference for general public (presented in French) *A.M. LAGRANGE, DR CNRS, IPAG (UJF/CNRS)*

“The sky as seen by Herschel: from the origin of the planets to the nature of our universe” at the Grenoble Office du Tourisme

M.SAUVAGE, CEA Saclay

M.LACHIÈZE-REY, DR CNRS, PAC (Paris VII/ CNRS)

Program / Programme

►► Thursday 22 March / Jeudi 22 mars

08 :30-08 :35 *General informations about the Symposium*

Topic 3: Planet forming circumstellar disks

08 :35-10 :35 ► Chairwoman: G. MEEUS, *Universidad Autonoma de Madrid*

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| 08 :35-09 :15 | <i>Pre-Herschel review:</i> Protoplanetary disks before Herschel | K. PONTOPPIDAN, <i>Space Telescope Science Institute, Baltimore</i> |
| 09 :15-09 :55 | <i>Herschel overview:</i> Herschel observations of protoplanetary disks | J. WILLIAMS, <i>Institute for Astronomy of Hawaii</i> |
| 09 :55-10 :15 | • Herschel/PACS Survey of protoplanetary disks in Taurus/ Auriga- Investigating the source of [OI] 63 μ m line emission | C. HOWARD, <i>USRA/SOFIA</i> |
| 10 :15-10 :35 | • A Herschel Search for Cold Dust in Brown Dwarf Disks | T. HENNING, <i>MPI for Astronomy, Heidelberg</i> |
| 10 :35-10 :45 | • Poster blitz | |

10 :45-11 :15 ►► Coffee break & poster viewing

11 :15-12 :45 ► Chairwoman: C. GRADY, *Eureka Scientific*

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| 11 :15-11 :35 | • Search for rapid inner disk re-arrangements in a young eruptive star | A. KOSPAL, <i>ESA/ESTEC</i> |
| 11 :35-11 :55 | • Locating dust crystals in protoplanetary disks with Herschel PACS | G. MULDER, <i>University of Amsterdam</i> |
| 11 :55-12 :15 | • PACS observations of dust and gas in transition disks | F. MENARD, <i>IPAG</i> |
| 12 :15-12 :35 | • Herschel observations of cold water vapor and ammonia in protoplanetary disks | M. HOGERHEIJDE, <i>Leiden Observatory</i> |
| 12 :35-12 :45 | • Discussion | |
| 12 :45-12 :55 | • Poster blitz | |

12 :55-14 :25 ►► Lunch (1h) & poster viewing (30mn)

14 :25-16 :15 ► Chairwoman: I. KAMP, *KAPTEYN Institute*

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| 14 :25-15 :05 | <i>Modeling/theory review:</i> Modelling planet-forming circumstellar discs | P. WOITKE, <i>Saint Andrews University</i> |
| 15 :05-15 :25 | • Herschel Constraints on Ice Formation and Destruction in Protoplanetary Disks | L.I. CLEEVE, <i>University of Michigan</i> |
| 15 :25-15 :45 | • Warm gas atmospheres of the protoplanetary disks seen by Herschel: Gas rich and carbon poor? | S. BRUDERER, <i>MPE Garching</i> |
| 15 :45-16 :05 | • From pebbles to planets | A. JOHANSEN, <i>Lund University</i> |
| 16 :05-16 :15 | • Discussion and conclusion | |
| 16 :15-16 :25 | • Poster blitz | |

16 :25-16 :55 ►► Coffee break & poster viewing

Topic 4: Debris disks and connection to exoplanets

16 :55-18 :35 ► Chairwoman: A. ROBERGE, *NASA Goddard Space Flight Center*

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|---------------|---|---|
| 16 :55-17 :35 | <i>Pre-Herschel review:</i> Observations of Debris Disks before Herschel | P. KALAS, <i>UC Berkeley</i> |
| 17 :35-17 :55 | • Herschel Observations of Debris Disks from WISE | D. PADGETT, <i>NASA/Goddard Space Flight Center</i> |
| 17 :55-18 :15 | • The connection between inner and outer debris disks probed by infrared interferometry | O. ABSIL, <i>University de Liège</i> |
| 18 :15-18 :35 | • Ocean-Like Water in the Jupiter Family Comet 103P/Hartley 2 | D. LIS, <i>Caltech</i> |

20 :00-23 :00 ►► SYMPOSIUM DINNER

Program / Programme

►► Friday 23 March / Vendredi 23 mars

08 :55-09 :00 *General informations about the Symposium*

09 :00-10 :40 ► Chairman: C. EIROA, *Universidad Autonoma de Madrid*

09 :00-09 :40 **Herschel overview:** Debris Discs and Connection to Exoplanets: Herschel Overview *J. GREAVES, University of St Andrews*

09 :40-10 :00 • Spatially resolved far-infrared imaging of bright debris disks: studying the disk structure and the stirring mechanism *P. ABRAHAM, Konkoly Observatory*

10 :00-10 :20 • Cometary dust in the planetary belts of β Pictoris *B. De VRIES, Instituut voor Sterrenkunde KULeuven*

10 :20-10 :40 • Fomalhaut's debris disk as seen by Herschel *C. DOMINIK, University of Amsterdam*

10 :40-11 :10 ►► Coffee break & poster viewing

11 :10-12 :40 ► Chairman: K. STAPELFELDT, *NASA - GODDARD*

11 :10-11 :50 **Modeling/theory review:** Debris Discs: Modeling/theory review *P. THEBAULT, Observatoire de Paris*

11:50-12:10 • Study of debris disks in planet-host stars: are planets and debris correlated? Results from the DEBRIS and DUNES Herschel surveys *M. WYATT, Institute of Astronomy, University of Cambridge*

12 :10-12 :30 • The Mystery of Herschel's "Cold Debris Disks" *A. KRIVOV, University of Jena*

12 :30-12 :40 • Discussion

12 :40-13 :00 • Symposium conclusion *T.MONTMERLE, Institut d'Astrophysique de Paris*

Posters / Posters

Two poster sessions are planned / Deux sessions poster sont prévues

- **Session 1** : From Thursday 9:00 to Wednesday 18:30 on **TOPIC 1** and **TOPIC 2**

- **Session 2** : From Thursday 9:00 to Friday 12:00 on **TOPIC 3** and **TOPIC 4**

The posters area is located in the same area as the coffee breaks and lunches.

Les posters sont affichés dans l'espace des pauses café et des déjeuners

Poster Award Prix du meilleur poster

The best poster will be awarded by the Symposium chairs during the Symposium Dinner on Thursday 22 March.

Le meilleur poster sera récompensé par les deux Présidents du colloque lors du dîner le jeudi 22 mars

List of Posters / Liste des posters

Session 1: From Tuesday 9:00 to Wednesday 18:30

TOPIC 1 : Pre-collapse phase		
1	Temperature, kinematics and turbulence of infrared dark clouds (IRDCs) at high spatial resolution	<i>Simon BIHR, Max-Planck-Institute for Astronomy, Heidelberg</i>
2	Variation of the FIR/submm optical properties of interstellar dust analogues at low temperature	<i>Karine DEMYK, IRAP</i>
3	The full map of M33	<i>Clément DRUARD, IRAM</i>
4	The ortho/para chemistry of nitrogen hydrides in dark clouds	<i>Romane LE GAL, IPAG</i>
5	Depletion and ionization fraction in the L1498 and L1517B prestellar cores	<i>Sébastien MARET, IPAG</i>
6	CH ⁺ formation the Orion Bar as seen by Herschel HIFI	<i>Zsafia NAGY, Kapteyn Astronomical Institute & Sron</i>
7	High Massive star forming regions from near IR to Herschel	<i>Paolo PERSI, Istituto Astrofisica Spaziale-Roma/INAF, Italy</i>
8	Possible External Triggers of Star Formation in the Orion-A Giant Molecular Cloud	<i>Yoshito SHIMAJIRI, Nobeyama Radio Observatory</i>
9	Dense Core Formation by Fragmentation of Velocity-Coherent Filaments in L1517 and B213	<i>Mario TAFALLA, Observatorio Astronomico Nacional, Spain</i>
10	The Herschel view of massive star formation in NGC 6334	<i>Jeremy TIGE, LAM/OAMP</i>
11	Molecular cloud thermodynamical structure as seen by Herschel	<i>Pierre DIDELON, CEA</i>
12	Galactic Cold Cores	<i>Mika JUVELA, University of Helsinki</i>
13	The temperature and density structure of nearby star-forming cores	<i>Ralf LAUNHARDT, Max Planck Institute for Astronomy</i>
14	The Herschel Dust Temperature Map of B 68	<i>Markus NIELBOCK, Max-Planck-Institut für Astronomie</i>
15	Evidence for the growth of the Taurus B211 Filament based on Herschel observations	<i>Pedro PALMEIRIM, CEA Saclay</i>
16	The quest of massive prestellar cores: Herschel digging into IRDCs	<i>Nicolas PERETTO, CEA Saclay</i>
17	The seeds of star formation in infrared-dark clouds	<i>Sarah RAGAN, Max Planck Institute for Astronomy</i>
18	The Herschel view of massive star formation in NGC 6334	<i>Delphine RUSSEIL, LAM/OAMP</i>
19	Detection of HF emission from the Orion Bar	<i>Floris VAN DER TAK, SRON</i>
20	High-angular investigations of IR-quiet massive dense cores discovered by Herschel	<i>Fabien LOUVET, CEA</i>
21	The Aquila prestellar and protostellar population revealed by Herschel	<i>Vera KONYVES, Sap, CEA/Saclay</i>
22	Observing molecules in the interstellar media: Theoretical and experimental studies of energy transfer	<i>Laurent WIESENFELD, IPAG</i>
23	The Hical/Herschel view on Spitzer starless clumps	<i>Jochen TACKENBERG, Max Planck Institute for Astronomy</i>
24	Large-scale infra-red dark filaments	<i>Clare LENFESTEY, University of Manchester</i>
25	Chemistry and dynamics of the ultracompact HII region Monoceros R2	<i>Paolo PILLERI, Centro de Astrobiología (INTA-CSIC)</i>

TOPIC 2 : Protostellar phase		
26	Water Observations with Herschel/HIFI toward Massive Star-forming Regions	<i>Yunhee CHOI, Kapteyn Astronomical Institute & SRON</i>
27	Herschel/PACS survey of deeply-embedded low-mass young stellar objects	<i>Agata KARSKA, MPE</i>
28	CHESS observations of high-mass protostellar object AFGL 2591	<i>Maja KAZMIERCZAK, SRON, The Netherlands</i>
29	NGC1333: A Glimpse At Low-Mass Protostars Through Sub-mm Spectroscopy	<i>Evgenia KOUMPIA, Kapteyn Astronomical Institute/SRON</i>
30	Outflow and inward motions in a VeLLO, L328-IRS	<i>Chang Won LEE, Korea Astronomy and Space Science Institute</i>
31	Herschel/PACS observations of a low-mass star forming region, L1448-MM	<i>Jeong-Eun LEE, Kyung Hee University</i>
32	Molecular radiative transfer with «exact methods»	<i>Simon NICOLAS, IRAP</i>
33	Direct Probe of the Water Gas-Ice Chemistry in Embedded Protostars	<i>Markus SCHMALZL, Leiden Observatory</i>
34	Mapping dust in Orion Protostars: from Herschel to APEX	<i>Thomas STANKE, ESO</i>
35	Resolved Protostellar Envelope Structure in the Far-IR/Submm: BHR71 and L483	<i>John TOBIN, NRAO</i>
36	Water emission from the chemically rich outflow L1157	<i>Magda VASTA, INAF-OAF</i>
37	Studying the OH emission from low- and intermediate-mass protostars	<i>Susanne WAMPFLER, Institute for Astronomy, ETH Zurich</i>
38	High-J CO survey of low-mass protostars observed with Herschel-HIFI and LOMASS database	<i>Umut YILDIZ, Leiden Observatory</i>
39	H2O in MHD disk winds from young stars	<i>Walter YVART, LERMA</i>
40	Herschel-PACS full spectral range spectrum of the B1 shock in the L1157 outflow	<i>Gemma BUSQUET, INAF-IFSI</i>
41	Where is Chlorine? The missing HCl emission in the protostellar shock L1157-B1	<i>Claudio CODELLA, INAF, Osservatorio Astrofisico di Arcetri</i>
42	Study of deuterated water in the low-mass protostar IRAS16293-2422	<i>Audrey COUTENS, IRAP/University of Toulouse</i>
43	Protostars in extreme environments: A Herschel study of the Carina Nebula	<i>Benjamin GACZKOWSKI, Universitäts-Sternwarte München</i>
44	Current challenges on interstellar nitrogen chemistry	<i>Pierre HILY-BLANT, IPAG</i>
45	The HIFI spectral survey of the protostar OMC-2 FIR 4	<i>Mihkel KAMA, University of Amsterdam</i>
46	Peering into the protostellar shock L1157-B1	<i>Bertrand LEFLOCH, IPAG</i>
47	Detection of OH ⁺ , H ₂ O ⁺ and HF towards the intermediate-mass protostar OMC-2 FIR 4	<i>Ana LOPEZ-SEPULCRE, IPAG</i>
48	The protostellar phase: Ideal versus Non-Ideal MHD effects in the first and second Larson's cores	<i>Jacques MASSON, CRAL</i>
49	Modelling the infall of low-mass protostellar envelopes in Herschel water observations	<i>Joseph MOTTRAM, Leiden Observatory</i>
50	Infrared spectroscopy of protostars in Orion: probing protostellar evolution and its impact on the surrounding gas	<i>Manoj PURAVANKARA, University of Rochester</i>
51	The Herschel-WISH spectral line survey of shock regions in proto-stellar outflows: the L1448 case	<i>Gina SANTANGELO, INAF - Osservatorio Astronomico di Roma</i>
52	Herschel CHESS search of ozone and molecular oxygen in the solar type protostar IRAS16293-2422	<i>Vianney TAQUET, Institut de Planétologie et d'Astrophysique de Grenoble</i>
53	The Herschel-CHESS unbiased search for N-bearing species in the chemically rich out-flow L1157	<i>Magda VASTA, INAF-OAF</i>
54	Deuterated water in high-mass star-forming regions	<i>Charlotte VASTEL, IRAP</i>
55	SOFIA-followup opportunities for Herschel	<i>Göran SANDELL, SOFIA-USRA</i>
56	The Evolution of CO Excitation During Disk Formation: Passive Heating	<i>Daniel HARSONO, Leiden Observatory</i>
57	Herschel's view of Chamaeleon II	<i>Loredana SPEZZI, European Southern Observatory</i>
58	The Herschel view on Cugnus X and the massive DR21 filament: Dynamical formation of high-mass stars and evolution of massive protostellar objects	<i>Martin HENNEMANN, Laboratoire AIM, CEA Saclay</i>
59	Pioner: a four-telescope instrument for the VLTI	<i>Jean-Baptiste LE BOUQUIN, IPAG</i>

Session 2: From Thursday 9:00 to Friday 12:30

TOPIC 3 : Planet forming circumstellar disk		
1	Spitzer analysis of gas and solid-state features in FU Orionis objects	<i>Marc AUDARD, University of Geneva</i>
2	The origin of jets from young stars: SINFONI/VLT observations of the DG Tauri microjet	<i>Catherine DOUGADOS, IPAG</i>
3	Investigating the X-ray impact on protoplanetary disks: a grid of models	<i>Giambattista ARESU, Kapteyn Institute</i>
4	H2 near-IR lines as a tool to understand the circumstellar environment of sources with [Ne II] 12.8 μ m emission	<i>Andres CARMONA, IPAG</i>
5	FT Tauri: a passive disk?	<i>Antonio GARUFI, University of Bologna</i>
6	TW Hya: A dry desert or a steam bath?	<i>Inga KAMP, Kapteyn Astronomical Institute</i>
7	Observations and images of Young Stellar Objects at milli-arcsecond scale: the case of MWC158	<i>Jacques KLUSKA, IPAG</i>
8	Rapid growth of gas-giant cores by pebble accretion	<i>Michiel LAMBRECHTS, Lund University</i>
9	The influence of X-rays on protoplanetary disks	<i>Armin LIEBHART, Department of Astronomy, University of Vienna</i>
10	Forsterite in the wall of the Herbig star HD169142.	<i>Koen MAASKANT, University of Amsterdam</i>
11	Disk models with realistic dust settling: Predictions for Herschel	<i>Gijs MULDER, University of Amsterdam</i>
12	Ice condensation as a planet formation mechanism	<i>Katrin ROS, Lund University</i>
13	Modelling the CO emission of protoplanetary disks from the near-infrared to the millimeter.	<i>Wing-Fai THI, IPAG</i>
14	The disk around 51 Oph, a peculiar low-mass disk?	<i>Wing-Fai THI, IPAG</i>
15	Do dust holes in transitional disks still contain cold gas?	<i>Nienke VAN DER MAREL, Leiden Observatory</i>
16	Signatures of dust evolution in protoplanetary disks - density profiles and transitional disks	<i>Tilman BIRNSTIEL, LMU Munich</i>
17	Herschel/PACS SED spectroscopy of S CrA: a T-Tauri star within the DIGIT (Dust, Ice, and Gas in Time) key program	<i>Silvia VICENTE, Kapteyn Astronomical Institute</i>
18	Planet Gaps in the Dust Layer of 3D Protoplanetary Disks: Observability with ALMA	<i>Jean-François GONZALEZ, Centre de Recherche Astrophysique de Lyon</i>
19	High-Resolution Near Infrared Spectroscopy of HD 100546: Analysis of Asymmetric Rotational OH Emission Lines and Rotational CO Emission Lines	<i>Joseph LISKOWSKY, Clemson University</i>
20	Upper Scorpius – from dust to planetesimals	<i>Geoffrey MATHEWS, Institute for Astronomy, University of Hawaii</i>
21	Crystal clear: revealing dynamics of protoplanetary disks through the spatial distribution of crystalline dust	<i>Melissa MCCLURE, University of Michigan</i>
22	Proto-planetary Herbig Ae/Be discs as seen with Herschel: atomic and molecular emission lines as tracers of the disc chemistry and physics	<i>Gwendolyn MEEUS, UAM</i>
23	From monomers to pebbles: Theoretical point of view of dust growth in protoplanetary disks	<i>Paola PINILLA, Zentrum für Astronomie der Universität Heidelberg, Institut für Theoretische Astrophysik</i>
24	Combining dust and gas diagnostics of protoplanetary disks	<i>Christophe PINTE, IPAG</i>
25	Herschel/PACS observations of young sources in Taurus: the far-infrared counterpart of optical jets	<i>Linda PODIO, IPAG</i>
26	Water in protoplanetary discs in Taurus.	<i>Pablo RIVIERE-MARACHALAR, CAB</i>
27	Can giant planets form by gravitational fragmentation of protostellar discs?	<i>Dimitris STAMATELLOS, Cardiff University</i>
28	EX Lupi from Quiescence to Outburst: Opening a New Window on Chemistry and Dynamics of Volatile Species in Planet-Forming Circumstellar Disks	<i>Andrea BANZATTI, ETH Zürich</i>
29	Characteristics of the DK Cha protoplanetary disc	<i>Catarina UBACH, Swinburne University</i>
30	SOFIA-followup opportunities for Herschel	<i>Göran SANDELL, SOFIA-USRA</i>
31	(Ne II) emission in young stars: mid-infrared and optical observations with the Very Large Telescope	<i>Carla BALDOVIN-SAAVEDRA, ISDC & Observatoire de Genève</i>

TOPIC 4 : Debris disks and connection to exoplanets

32	Polarimetric survey of candidate stars for debris disks with modeling	<i>Pierre BASTIEN, Université de Montréal</i>
33	DUST around NEarby Stars : Dynamical Modeling of the Disk of 2Reticuli. Searching for a Planetary Companion	<i>Virginie FARAMAZ, IPAG</i>
34	Tracing Remnant Gas in Evolved Circumstellar Disks	<i>Vincent GEERS, ETH Zurich</i>
35	A Cold Debris Disk around the Planet-Bearing M-Star GJ581 resolved by Herschel	<i>Jean-François LESTRADE, OBSERVATOIRE DE PARIS/ CNRS</i>
36	3 mm imaging of four debris disks	<i>Sarah MADDISON, Swinburne University</i>
37	Predicting the imprint of a debris disk dynamically excited by an object on a Sedna-like orbit	<i>Etienne MOREY, OBSERVATOIRE DE PARIS/LERMA</i>
38	A Unique Gas-Rich Debris Disk: Herschel Imaging and Spectroscopy of 49 Ceti	<i>Aki ROBERGE, NASA Goddard Space Flight Center</i>
39	Herschel-PACS observation of gas lines from the disc around HD141569A: Constraining the disc gas content in a low-mass disc.	<i>Wing-Fai THI, IPAG</i>
40	Modeling the HD 32297 Debris Disk with Far-IR Herschel Data	<i>Jessica DONALDSON, UNIV OF MARYLAND</i>
41	Stellar multiplicity and the debris disk phenomenon: analysis for the unbiased DEBRIS sample	<i>Gaspard DUCHENE, UC Berkeley</i>
42	Observations and modeling of planet-disk interaction in debris disks - From Herschel to ALMA	<i>Steve ERTEL, IPAG</i>
43	Resolved circumbinary debris disks: Signatures of star and planet formation	<i>Grant KENNEDY, Institute of Astronomy, University of Cambridge</i>
44	A young Kuiper Belt analogue around the young star HD 181327	<i>Jérémy LEBRETON, IPAG</i>
45	On the relationship between debris discs and planets	<i>Jesus MALDONADO, University Autonoma de Madrid</i>
46	Resolved Debris Discs in the Herschel DUNES Survey	<i>Jonathan MARSHALL, University Autonoma de Madrid</i>
47	Warm dust around warm debris disks	<i>Johan OLOFSSON, MPIA, Heidelberg</i>
48	Debris Disks around Sun-like Stars: Results from the DEBRIS Survey	<i>Bruce SIBTHORPE, Royal Observatory Edinburgh</i>
49	A Resolved Debris Disk Around the Nearby G Star HIP 32480	<i>Karl STAPEL FELDT, NASA Goddard Space Flight Center</i>
50	How do we explain the presence of large quantities of exozodiacal dust observed in many exoplanetary systems?	<i>Amy BONSOR, IPAG, Grenoble</i>
51	Constraining Debris Disc Radii with Resolved Images from the DEBRIS Survey	<i>Mark BOOTH, University of Victoria</i>
52	Resolving the multi-temperature debris disk around Doradus with Herschel	<i>Hannah BROEKHOVEN-FIENE, University of Victoria</i>
53	SKARPS: The Search for Kuiper belts Around Radial-velocity Planet Stars	<i>Geoffrey BRYDEN, NASA-JPL</i>
54	Warm Debris Disks around Transiting Planetary Hosts	<i>David ARDILA, NASA, Herschel Science Center</i>
55	Pioner: a four-telescope instrument for the VLT	<i>Jean-Baptiste LE BOUQUIN, IPAG</i>